



Memorandum

To: Provosts and Chief Academic Officers
CC: Transfer Assurance Guide Coordinators
Ohio Transfer Module Coordinators
From: Paula Compton, Associate Vice Chancellor, Articulation and Transfer
Re: Announcement of Updates to Ohio Transfer Module (OTM) Introductory Statistics (TMM010) and Substitution with Business Statistics TAG (OBU013) within the Ohio Guaranteed Transfer Pathway for Business.

Date: August 29, 2018

Background

On August 17, 2018 the Ohio Articulation and Transfer Network (OATN) announced an update to the Business Statistics TAG course that changed the course from a 5-6 semester hours course (OBU009) to a 3-4 semester hours course (OBU013). Because of the credit hour reduction, questions began to arise regarding the potential for an equivalency between the new OBU013 and Introductory Statistics (TMM010) from the Ohio Transfer Module. A separate working group comprised of the Business TAG Panel co-leads and the lead and statisticians from the Ohio Transfer Module Mathematics, Statistics, and Logic Review Panel formed to address the concerns. The working group created a draft document with minor updates to TMM010, and provided the draft document to the complete membership of both panels for their feedback. Both panels recommend that with the updates to TMM010, substitution can occur between TMM010 and OBU013 for students who are in the Ohio Guaranteed Transfer Pathway in Business, and attending an institution that does not offer a course specific to business statistics.

Please share this memo and the attachment to appropriate faculty and administrators at your institution who manage/teach your OTM Introductory Statistics Course (TMM010) and/or your Business Statistics TAG course (OBU013).

Updates

In the attached, you will find the revised Introductory Statistics (TMM010) for the Ohio Transfer Module. The panel's updates to the Introductory Statistics course outcomes centered on the following 3 aspects:

1. A single bullet point was added to the sample tasks for learning outcome #1.
 - Use scatter plot to assess the appropriateness of a simple linear regression. Find and interpret the least squares estimates of the intercept and slope of the regression line and use it to make prediction.
2. A single bullet point was added to the sample tasks for learning outcome #3

- Compute and interpret the expected value, variance, and standard deviation of a discrete distribution
3. Two words were added to the first bullet point under the sample tasks for learning outcome #5.
- Given a research object and raw categorical or numeric sample data, the student can:

Implication to Your Introductory Statistics TMM010 Course

The OTM Mathematics, Statistics, and Logic Panel considers the updates to TMM010 not substantial enough for resubmission. Existing approved courses do not need to undergo review by the panel at this time.

Implications to the Ohio Guaranteed Transfer Pathway in Business

To ensure students in the Ohio Guaranteed Transfer Pathway in Business are not disadvantaged while transitioning from OBU009 to OBU013, Universities should accept TMM010 for the expected match to OBU013 Business Statistics, which is likely to be the first course in the former OBU009 Business Statistics sequence. For those institutions that had a single 5-6 credit hour course, please contact Candice Grant at cgrant@highered.ohio.gov or 614-466-4186 to discuss a plan for students in the interim.

I wish to express my thanks for the dedicated work of both the Ohio Transfer Module Mathematics, Statistics, and Logic Faculty Panel and the Business Statistics TAG Faculty Revision Panel for their collaboration in updating the learning outcomes.

If you have any questions, please feel free to contact Michelle Blaney, Assistant Director, Articulation and Transfer Policy, at mblaney@highered.ohio.gov, (614) 644-9601 or Mark Cortez, Director, Articulation and Transfer Policy at mcortez@highered.ohio.gov or (614) 644-0642.

Attachment 1